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POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO I hereby revoke all previous powers of attorney given in the application identified in the attached statement under

37 CFR 3.73(b). I hereby appoint:

*Total of

N.	Practitioners associated with the Customer Number:				0001	181								
,	OR													
	Practitioner(s) named below:													
	Name			Registration Number									- 1	
													- 1	
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	as automoy(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTQ) in connection with any and all platent applications assigned only to the undersigned according to the USPTQ assignment records or assignment documents attached to this form in accordance with 3 TCR 8, 37(b).													
Pleas	Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:													
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	Telephone		Email										-	
Assignee Name and Address: NxStage Medical, Inc. 439 South Union Street, Fifth Floor Lawrence, MA 01843														
A copy of this form, together with a statement under 37 CFR 3.74(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the analyses, and must identify the application in which this Power of Attorney is to be filed.														
	SIGNATURE of Assignee of Record The individual whose signature and title is supplied below is authorized to act on behalf of the assignee													
Signature Signature and title is sur					Date 2 2					gnee 20	IND		-	
Name	Vester H Bu			~V	ONK	OV Telephone Q78				100	200	110	~	
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This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 (and by the USF TO to process) an approximation. Commendantly is governor of 30 0.500, 122 and 57 CFR 1.11 and 1.19. This conceron is estimated to take 5 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Paters and Trademark Office. U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

forms are submitted.